

REMARKS

The comments of the applicant below are each preceded by related comments of the examiner (in small, bold type).

Claims 3-4, 6-7, 73-76, and 78 are rejected under 35 U.S.C. 102(b) as being anticipated by Takayama (U.S. Pat. No. 5,715,083). Takayama teaches an optical device comprising a projection screen comprising a first reflective layer BS or RS, a second reflective layer the other of BS or RS respectively, substantially continuous layers of dielectric material GS, each layer consisting of alternating high and low indices of refraction (col. 2, lines 43-57) so that the optical output of the device includes substantially more light in wavelengths in a plurality of narrow wavelength bands (fig. 6,9) than light not in the plurality of wavelength bands. Each layer BS, GS and RS reflects light and is therefore a reflector. Each layer, including layer GS comprises a photosensitive material which has been treated as described in col. 2 so as to create continuous layers of dielectric material each layer consisting of alternating high and low indices of refraction.

Claims 3 and 73 have been amended to state that the reflective layers are broadband reflective layers. According to Takayama at col. 2, beginning at line 62, "... RS reflects and diffracts only light having a wavelength of R and transmits the other light having all other wavelengths, BS reflects and diffracts only light having a wavelength of R and transmits the other light having all other wavelengths." Support for the amendment is at least in the paragraph beginning on page 12 at line 9. The applicants respectfully request reconsideration and withdrawal of the rejection of claims 3 and 73.

Claims 4 and 6 – 7 are directly or indirectly dependent on claim 3 and are allowable for at least the same reasons as claim 3. Claims 74 – 76 are dependent on claim 73 and are allowable for at least the same reasons as claim 73. The applicants respectfully request reconsideration and withdrawal of the rejection of claims 74 – 76.

The applicants respectfully request reconsideration and withdrawal of the rejection of claim 78. Claim 78 recites that a first reflective layer and a second reflective layer are for reflecting light of substantially all wavelengths in the visible spectrum. By contrast, layer RS of Takayama is for reflecting only light having a wavelength of R and for transmitting light having all other wavelengths and layer BS of Takayama is for

reflecting only light having a wavelength of B and transmitting light having all other wavelengths..

Claims 5 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takayama(U.S. Pat. No. 5,715,083) in view of Yamada (U.S. Pat. No. 5,148,309). ...

Claims 5 and 9 are directly or indirectly dependent on claim 3 and are allowable for at least the same reasons as claim 3. The applicants respectfully request reconsideration and withdrawal of the rejection of claims 5 and 9.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Takayama (U.S.Pat. No. 5,715,083) in view of Portner (U.S. Pat. No. 3,942,869). ...

Claim 11 is directly or indirectly dependent on claim 3 and is allowable at least for the same reasons as claim 3. The applicants respectfully request reconsideration and withdrawal of the rejection of claim 11.

Claims 8 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takayama (U.S. Pat. No. 5,715,083) in view of Shimoda (U.S. Pub. No. 200410240053).

Claims 8 and 10 are directly or indirectly dependent on claim 3 and are allowable for at least the same reasons as claim 3. The applicants respectfully request reconsideration and withdrawal of the rejection of claims 8 and 10.

Claim 77 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 77 has been rewritten in independent form including all the limitations of the base claim and any intervening claims. The applicants respectfully request reconsideration and withdrawal of the objection to claim 77.

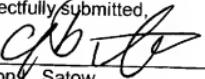
All claims are believed allowable.

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In view of the above amendment, applicant believes the pending application is in condition for allowance.

Dated: September 29, 2008

Respectfully submitted,

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